

**GYROMATIC CLASSROOM TRAINING AID, DEVICE 11H10****TRAINING CATEGORY:**

MAINTENANCE TRAINING (Misc)

**ORIGINATING AGENCY:**

DCNO/AIR - CHNAVPERS

**SECURITY CLASSIFICATION:**

Device 11H10 is unclassified.

**INTENDED USE:**

To provide visual demonstration of procession gyroscopic rigidity and nutation.

To demonstrate the rate gyro, an integrating gyro and a displacement gyro.

**FUNCTIONAL DESCRIPTION:**

The Gyromatic Classroom Training Aid, Device 11H10, is a training aid that has the capability of being either a single degree or a two degree freedom gyro with built-in turntable and accessories. It is constructed to permit experimentation with both captive and free gyros. It demonstrates the rate gyro, spring rate gyro, spring rate dampening gyro, integrating gyro, accelerometer gyro or accelerometer and enables mathematical computation of nutation and

magnitude of nutation.

**PHYSICAL INFORMATION:****Size:** 15" H x 13" W**Weight:** Approximately 17 lbs.**INSTALLATION AREA:** Classroom**POWER REQUIREMENTS:**

110/115 VAC, 60 Hz, single- phase

**PUBLICATIONS FURNISHED:**

The Classroom Gyroscope, a Handbook of the Theory of Operations and Experimental Procedure, Device 11H10, NAVEXOS P-2217.

**PERSONNEL:****Instructors:** One (1) experienced in the principles of gyro's.**Trainees:** Up to Ten (10)**CONTRACT IDENTIFICATION:**

Naval Training System Center, Orlando, FL

**LOCAL STOCK NUMBER:**

6910-LL-C00-7207